

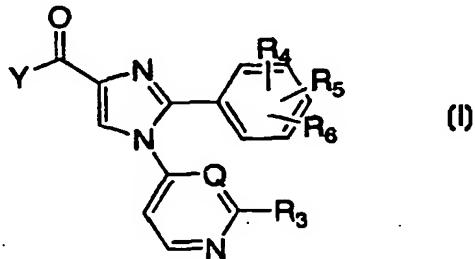
( 22 )

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : <b>C07D 401/04, 403/04, A61K 31/4439, 31/506</b>	A1	(11) International Publication Number: <b>WO 00/69848</b> (43) International Publication Date: 23 November 2000 (23.11.00)
(21) International Application Number: <b>PCT/US00/12973</b>		(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
(22) International Filing Date: <b>11 May 2000 (11.05.00)</b>		
(30) Priority Data: <b>60/134,164 14 May 1999 (14.05.99) US</b>		
(71) Applicant (for all designated States except US): <b>MERCK &amp; CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).</b>		
(72) Inventors; and		
(75) Inventors/Applicants (for US only): <b>LIVERTON, Nigel, J. [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). CLAREMON, David, A. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). THEBERGE, Cory, R. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).</b>		
(74) Common Representative: <b>MERCK &amp; CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).</b>		

(54) Title: COMPOUNDS HAVING CYTOKINE INHIBITORY ACTIVITY



(57) Abstract

There are disclosed compounds of formula (I) and pharmaceutically acceptable salts thereof which exhibit utility for the treatment of cytokine mediated diseases such as arthritis.